



# GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act. No.:20 of 2007)

Date: 15-10-2018

## CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Tue, Oct 16, 2018 3:30 PM - 4:30 PM IST.

**APICTIEE 2018 Webinar: “Strategies to Implement Effective Engineering Teaching in practice”**

**Tue, Oct 16, 2018 3:30 PM - 4:30 PM IST**

**Registration URL: <https://attendee.gotowebinar.com/register/4614166909936609026>**

### **Description:**

Generally, the distribution of the student learning capabilities in a typical engineering class poses a noteworthy challenge to the faculty in order to simultaneously improve the learning of all the students in the class. In case of traditional teaching methods, the students with considerably high learning abilities are often dissatisfied due to a sense of unfulfilled potential and the students with considerably lower learning abilities may experience a feeling of being lost. To tackle these challenges in any core engineering course, a combination of learning strategies such as active learning including cooperative group learning, blended learning, think-pair-share, discovery based learning, problem based learning, collaborative learning, flipped classroom, challenge exercises and other constructivist methods could be leveraged in a pro-advising context. Further, the students could be classified into 2 categories namely right students (having higher learning abilities) and left students (having relatively lower learning abilities) so that the faculty can effectively cater to the needs of both these classes of students. The short term and long term impacts among these students could be evaluated through student course performances and input, respectively. The results would show that it is possible to effectively address the challenge posed by the distribution of student learning abilities in a class.

### **Presenter:**

Sathyendra Bhat  
St Joseph Engineering College  
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Sd/-  
Registrar (I/c)